

CERTIFICATE OF ANALYSIS

Product Name: Citric Acid Monohydrate		
Quantity: 22000KG		
Manufacturer Date: 2022-04		
Expiry Date: 2025-04		
CAS Number: 5949-29-1		
Item	Standard	Results
Characters	White crystalline powder, colorless crystals or granules	
Color & clarity of solution	Passes test	Passes test
Assay %	99.5-100.5	99.83
Water %	7.5-8.8	8.68
Readily carbonisable substances	Passes test	Passes test
Sulphated ash %	≤ 0.05	0.023
Sulphate ppm	≤ 150	<150
Oxalate ppm	≤ 100	<100
Calcium ppm	≤ 75	<75
Iron ppm	≤ 5	<5
Aluminum ppm	≤ 0.2	<0.2
Arsenic ppm	≤ 1	0.042
Lead ppm	≤ 0.5	Not detected
Mercury ppm	≤ 1	Not detected
Heavy metals ppm	≤ 5	<5
Particle size	8-80mesh	
Storage	Store in cool, dry place in well-closed containers.	
Conclusion	Pass	